

REMARKS

The notice indicated that the content of the computer readable form does not comply with the requirements of the 37 C.F.R. § 1.822 and/or 1.823, as indicated on a copy of a marked-up "Raw Sequence Listing." The applicants note that no such marked-up copy was provided subsequent to the Sequence Listing filed on December 26, 2007, nor was any such copy found on Private PAIRS.

After leaving messages with Robert Wax on June 20, 2008 and July 24, 2008, and with Gene Witt on July 24, 2008 relating to the lack of a marked-up sheet and the applicants' use of the PatentIn software to generate the previously submitted sequence, the undersigned spoke with SPE Ram Shukla on July 24, 2008, Gene Witt on July 25, 2008 and Robert Wax on July 29, 2008. Gene Witt of the US PTO clarified that he believed that elements <213> should read "Artificial Sequence", not just "Artificial". The new sequence has been revised accordingly.

A new sequence listing, filed herewith, has been generated using the PatentIn Software and modified to replace "Artificial" with "Artificial Sequence". A substitute computer-readable form of the new sequence listing is provided on the two CD-Rs filed herewith, as well as the paper printout sequence listing filed herewith. The content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disk) sequence listing and adds no new matter.

The foregoing amendment to the specification includes an identification of the compact discs and the

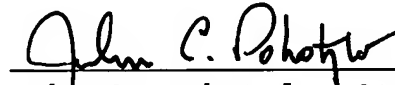
files thereon, including name, file size and creation date on each of the compact discs.

Conclusion

The applicants submit that all of the requirements of the notice have been met, and respectfully request that the above-referenced application be forwarded for substantive examination.

Respectfully submitted,

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CERTIFICATE OF MAILING under 37 C.F.R. 1.8(a)

I hereby certify that this correspondence is being deposited on **July 30, 2008** with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



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